

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG ELECTRIC LOGS FILE ☒ WATER SANDS LOCATION INSPECTED SUB REPORT abd

DATE FILED 12-23-85

LAND FEE & PATENTED ☒ STATE LEASE NO

PUBLIC LEASE NO

INDIAN

DRILLING APPROVED 1-21-86 (Cause No. 139-42)

SPUDDED IN

COMPLETED PUT TO PRODUCING

INITIAL PRODUCTION

GRAVITY API

GOR

PRODUCING ZONES

TOTAL DEPTH

WELL ELEVATION

DATE ABANDONED LA 3-11-87

FIELD ALTAMONT

UNIT

COUNTY DUCHESNE

WELL NO. BROTHERRSON 2-1B4

API #43-013-31153

LOCATION 2344' FSL FT. FROM (N) (S) LINE. 1116' FWL

FT. FROM (E) (W) LINE.

NW SW

1 4 - 1 4 SEC. 1

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
2S	4N	1	UTEX OIL COMPANY				

UTEX OIL COMPANY

SUITE 600  
1245 EAST BRICKYARD ROAD  
SALT LAKE CITY, UTAH 84106

PHONE (801) 484-2262

RECEIVED

DEC 23 1985

DIVISION OF OIL  
GAS & MINING

December 19, 1985

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Gentlemen:

Enclosed please find the following:

1. Triplicate copies of Application for Permit to Drill the Brotherson 2-1B4 well, located in the NW1/4, SW1/4, of Section 1, Township 2 South, Range 4 West, Duchesne County, Utah.
2. Triplicate copies of survey plat.
3. Triplicate copies of well layout plat.
4. Triplicate copies of BOP drawing.
5. Triplicate copies of 10 Point Well Prognosis.

We trust this application is complete and in proper form for your rapid approval of our planned operations. If further information is required, please contact us at the above address or telephone number.

We hereby request that this APD and all other information submitted relative to this well be held confidential for the maximum allowable period of time.

If I may be of further assistance, please advise.

Sincerely,  
Utex Oil Company



D. T. Hansen

DTH/mc

Enclosures

UTEX OIL COMPANY  
10 Point Well Prognosis  
BROTHERSON 2-1B4

1. Surface formation: Tertiary Uinta Formation
2. Estimated tops of geologic markers:
 

Top Green River	5,650
Top Wasatch	10,920
3. Estimated depths to water, oil and gas or mineral bearing formations:
 

0-5,650	Uinta	- Water bearing
5,650-10,920	Green River	- Oil, Gas and Water
10,920 to T.D.	Wasatch	- Oil, Gas and Water
4. Casing Program:
 

Size	Weight	Grade	Depth
9 5/8"	36#	N-80	5,000'
7"	26#	N-80 & P-110	10,800'
5"	18#	P-110	14,000'
5. Pressure control equipment: See diagram attached to APD.  
 Blowout preventers: A series 1500, 5000 psi W.P. hydraulically operated double ram type preventer, with pipe and blind rams, and a 5000 psi, Hydril type preventer will be used.  
 A 5,000 psi W.P. hydraulic choke manifold, PVT, and flow sensors will be used.  
 Testing Procedure: Before drilling out each casing string, blowout preventers, casing head, and casing will be pressure tested, and blowout preventers will be checked for proper operation each day.
6. Type and characteristics of proposed circulating medium:
 

0-5,000	Fresh water with gel sweeps
5,000 - 10,800	Fresh gel mud lightly treated, water loss controlled below 7,000'.
10,800 - T.D.	Fresh gel mud, weighted, treated and dispersed as necessary. Approximately 800 barrels of circulating fluid and adequate bulk barite will be maintained on site.
6. Auxillary Equipment:  
 Upper and lower kelly cocks will be used, and a full opening valve will be maintained on the rig floor. A mud logging unit is planned from 7,000' to total depth with 24 hour supervision.
8. Testing and Coring:  
 No DST's are planned  
 DIL with S.P. and G.R., FD-CN
9. Anticipated Hazards:  
 No abnormal temperatures or pressures are anticipated. No hydrogen sulfide is present in this area.
10. Anticipated starting date:  
 February 15, 1986 with duration of operations approximately 90 days.

12

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING5. Lease Designation and Serial No.  
Fee

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

Brotherson

9. Well No.

2-1B4

10. Field and Pool, or Wildcat

Altamont

11. Sec., T., R., M., or Blk.  
and Survey or Area

Sec. 1, T2S, R4W

12. County or Parrish 13. State  
Duchesne Utah16. No. of acres in lease  
DIVISION OF OIL  
GAS & MINING  
17. No. of acres assigned  
to this well  
640

19. Proposed depth

14,000

20. Rotary or cable tools

Rotary

22. Approx. date work will start\*

February 15, 1986

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil  
Well ☒Gas  
Well ☐

Other

Single  
Zone ☐Multiple  
Zone ☐

2. Name of Operator

Utex Oil Company

3. Address of Operator

1245 E. Brickyard Road, Suite 600, Salt Lake City, Utah 84106

4. Location of Well (Report location clearly and in accordance with any State requirements.)  
At surface

1,116' FWL 2,344 FSL

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office\*

2 miles south of Altamont, Utah

15. Distance from proposed\*  
location to nearest  
property or lease line, ft.  
(Also to nearest drlg. line, if any)18. Distance from proposed location\*  
to nearest well, drilling, completed,  
or applied for, on this lease, ft.

21. Elevations (Show whether DF, RT, GR, etc.)

6,251 GR

23.

## PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/4"	9 5/8"	36#	5,000'	circulate to surface
8 3/4"	7"	26#	10,800'	as necessary
6 1/8"	5"	18#	14,000	as necessary

Utex controls the land within 660' of the well location.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 1-21-86

BY: John R. Boye

WELL SPACING: 139-42

4/19/85

Water Permit # 43-9653

is on file with the State of Utah.

CONFIDENTIAL

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed: *W. Hansen*

Title: Executive Secretary

Date: 12/20/85

(This space for Federal or State office use)

Permit No.

43-013-31153

Approval Date

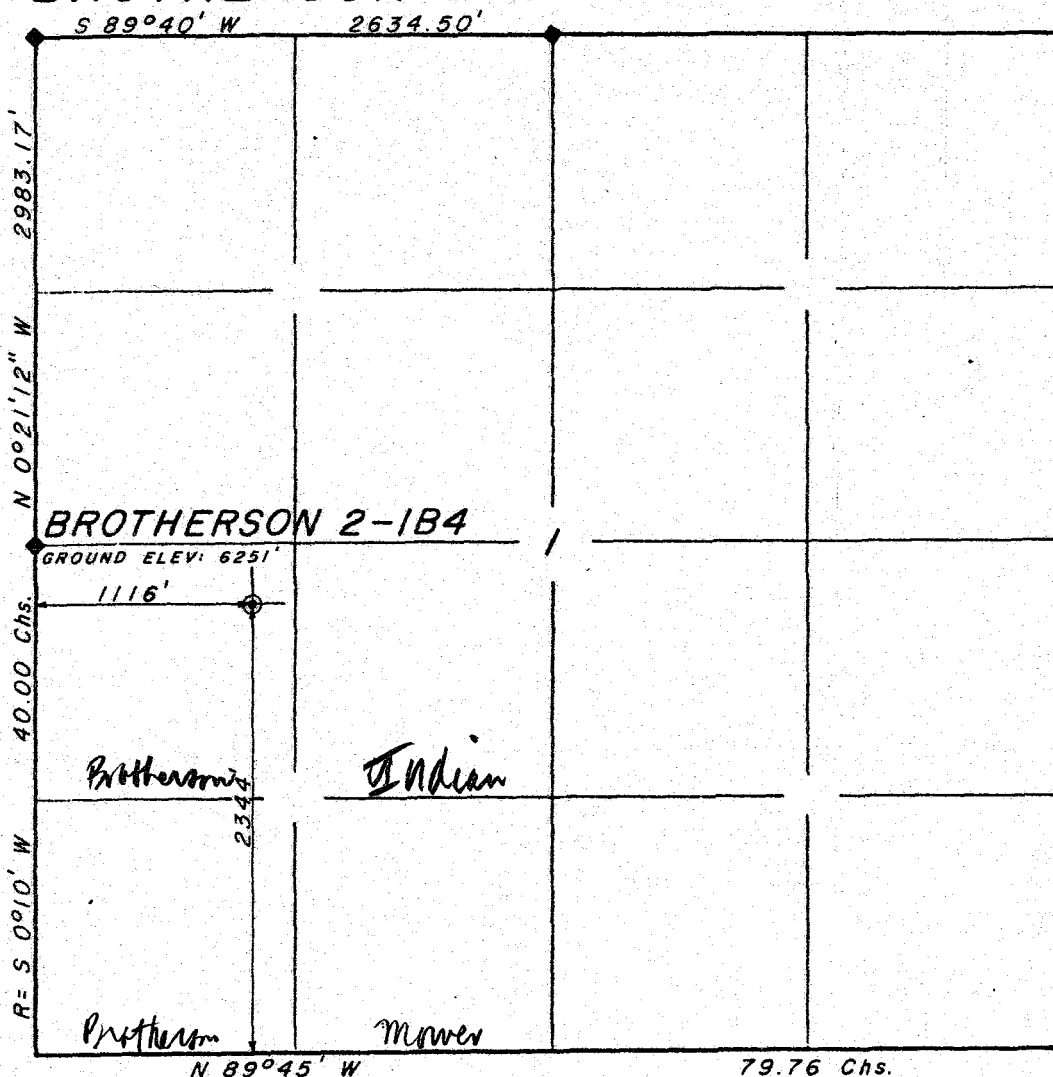
Approved by.....  
Conditions of approval, if any:

Title.....

Date.....

# UTEX OIL COMPANY WELL LOCATION PLAT BROTHERSON 2-1B4

LOCATED THE NW $\frac{1}{4}$  OF THE SW $\frac{1}{4}$  OF  
SECTION 1, T2S, R4W, U.S.B.&M.



## LEGEND & NOTES

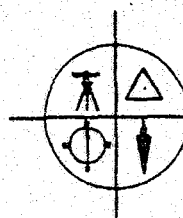
- ◆ CORNERS FOUND OR RE-ESTABLISHED  
AND USED BY THIS SURVEY.

THE GENERAL LAND OFFICE PLAT WAS  
USED FOR REFERENCE AND CALCULATIONS.

## SURVEYOR'S CERTIFICATE

I hereby certify that this plat was prepared  
from field notes of an actual survey  
performed by me, during which the shown  
monuments were found or established.

*Jerry D. Allred*  
Jerry D. Allred, Registered Land  
Surveyor, Cert. No. 3817 (Utah)

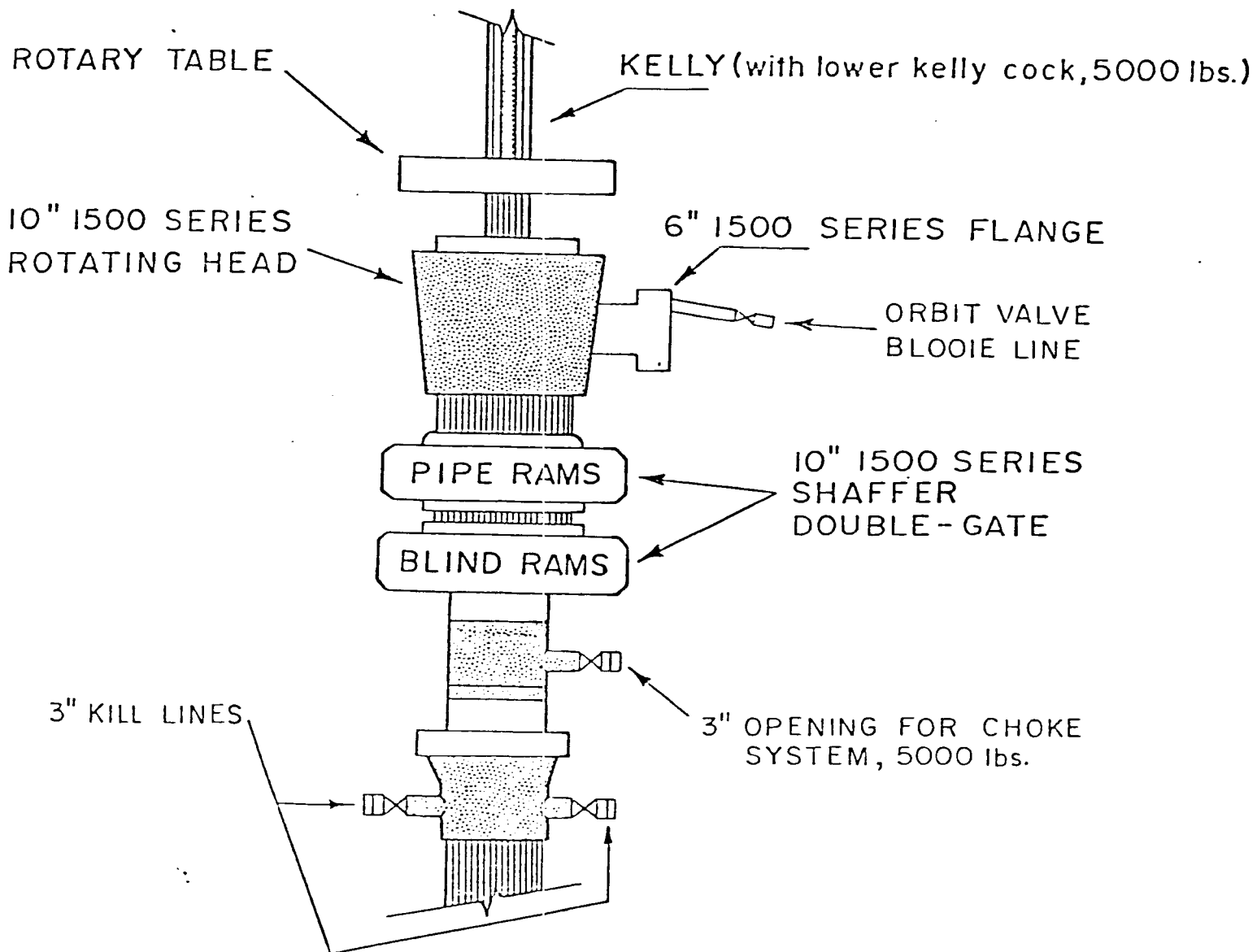


**JERRY D. ALLRED & ASSOCIATES**  
Surveying & Engineering Consultants

121 North Center Street  
P.O. Drawer C  
DUCHESTER, UTAH 84021  
(801) 738-5352

# UTEX DRILLING CO.

## B O P STACK



SERIES 1500 EQUIPMENT IS 5000 PSI RATED

NOT TO SCALE

# UTEX OIL COMPANY

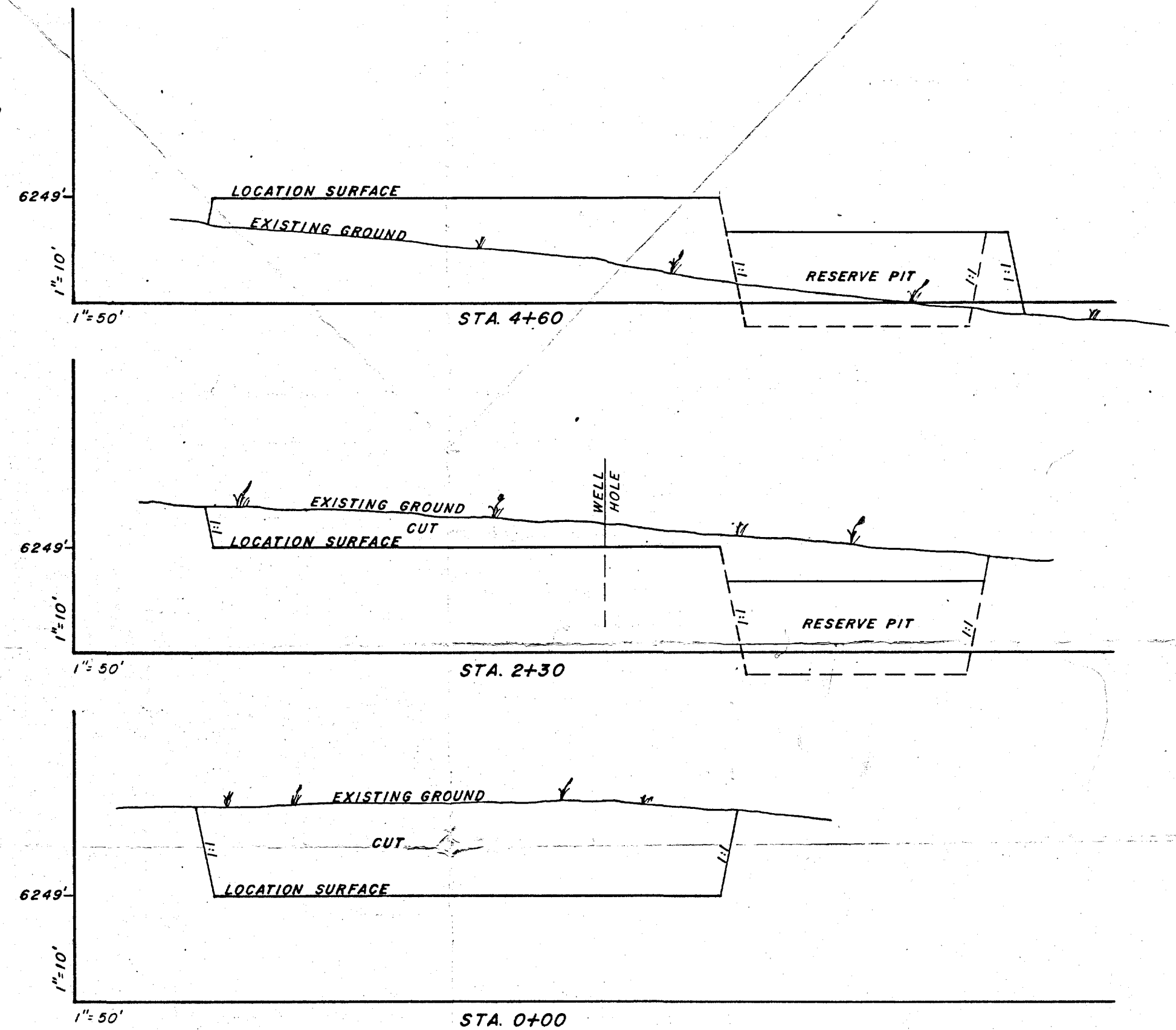
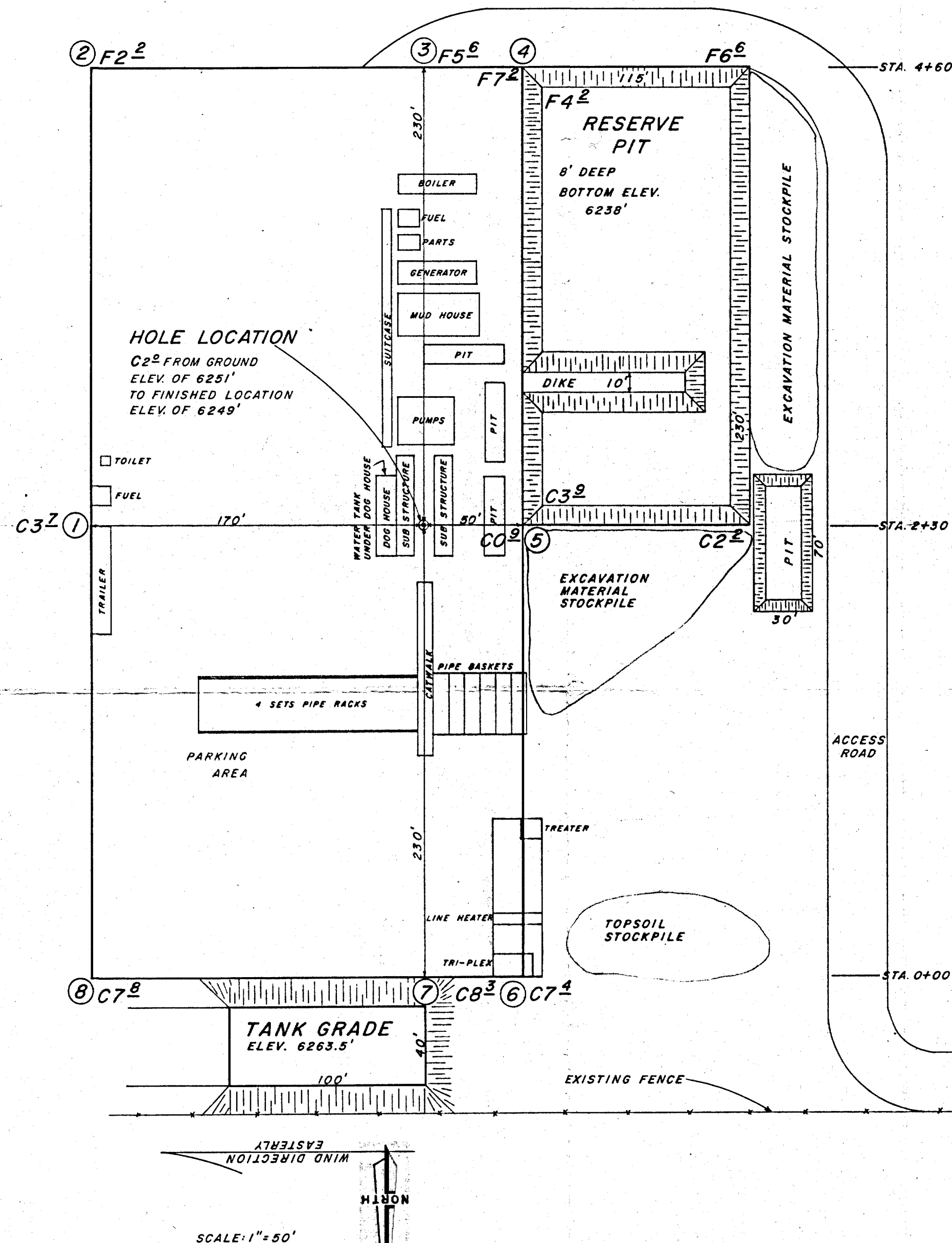
## WELL LAYOUT PLAT BROTHERSON 2-1B4

LOCATED IN THE NW 1/4 OF THE SW 1/4 OF  
SECTION 1, T2S, R4W, U.S.B.&M.

RECEIVED

DEC 23 1985

DIVISION OF OIL  
GAS & MINING



### QUANTITIES

APPROXIMATE CUT: 14,150 Cu. Yds.

APPROXIMATE FILL: 6,900 Cu. Yds.

**JERRY D. ALLRED & ASSOCIATES**  
Surveying & Engineering Consultants  
121 North Center Street  
P.O. Drawer C  
Duchesne, Utah 84021  
(801) 738-5352

~~CONFIDENTIAL~~

OPERATOR Utley Oil Co DATE 12-24-85

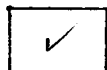
WELL NAME Brotherson 2-184

SEC NW SW 1 T 2S R 4W COUNTY Duckhorn

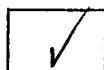
43-013-31153  
API NUMBER

Fee  
TYPE OF LEASE

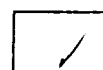
CHECK OFF:



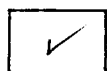
PLAT



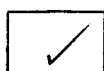
BOND



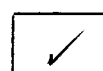
NEAREST  
WELL



LEASE



FIELD



POTASH OR  
OIL SHALE

PROCESSING COMMENTS:

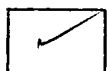
To replace the Santos 2-184 well in the NE/SW ☒ (Dorothy)  
(never drilled)

Water &

APPROVAL LETTER:

SPACING: ☐ 203 \_\_\_\_\_ UNIT

☐ 302



139-42 4/17/85  
CAUSE NO. & DATE

☐ 302.1

STIPULATIONS:

1. The reserve pit shall be lined <sup>(on bottom and sides)</sup> with a <sup>Six mil</sup> ~~5 mil~~ fiber reinforced plastic liner. With approval of the Division, an alternate method of lining may be used as long as it can be shown to the satisfaction of the Division that the physical characteristics of the proposed liner are at least equivalent to lining with plastic.
2. The Division shall be notified after installation of the liner in order to perform a final inspection prior to spudding well.

0218T





STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

January 21, 1986

Utex Oil Company  
1245 E. Brickyard Road, Suite 600  
Salt Lake City, Utah 84106

Gentlemen:

Re: Well No. Brotherson 2-1B4 -- NW SW Sec. 1, T. 2S, R. 4W  
2344' FSL, 1116' FWL - Duchesne County, Utah

Approval to drill the above-referenced well is hereby granted in accordance with the Order of Cause No. 139-42 dated April 17, 1985 subject to the following stipulations:

1. The reserve pit shall be lined on bottom and sides with a six mil fiber reinforced plastic liner. With approval of the Division, an alternate method of lining may be used as long as it can be shown to the satisfaction of the Division that the physical characteristics of the proposed liner are at least equivalent to lining with plastic.
2. The Division shall be notified after installation of the liner in order to perform a final inspection prior to spudding the well.

In addition, the following actions are necessary to fully comply with this approval:

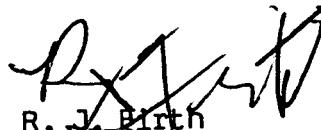
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.

Page 2  
Utex Oil Company  
Well No. Brotherson 2-1B4  
January 21, 1986

5. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at each drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable State and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.
6. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31153.

Sincerely,



R. J. Birth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: Branch of Fluid Minerals  
Dianne R. Nielson



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

031623

March 11, 1987

Utex Oil Company  
445 East, 4500 South  
Salt Lake City, Utah, 84107

Gentlemen:

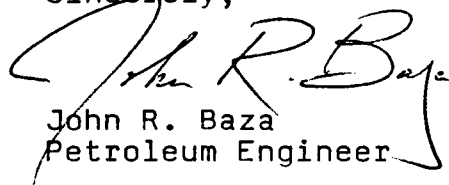
RE: Well No. Brotherson 2-1B4, Sec.1, T.2S, R.4W,  
Duchesne County, Utah, API NO. 43-013-31153

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded, effective one calendar month from the date of this notice.

If it is your intent to proceed with operations on the well, you must submit a request for extension of the approval to drill within the one month grace period. After the grace period, a new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

  
John R. Baza  
Petroleum Engineer

sb  
cc: D. R. Nielson  
R. J. Firth  
Well file  
0327T-58

870317